

**DECLARATION AND POWER OF ATTORNEY  
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No. INT1P021

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
**VARIABLE BANDWIDTH COMMUNICATION SYSTEMS AND METHODS**, the specification of which,

(check one)      1.  is attached hereto.

2.  was filed on October 9, 1998 as  
U.S. Application Serial No. 09/169,713  
and was amended on \_\_\_\_\_.

3.  was filed on \_\_\_\_\_ as  
International PCT Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s)**

**Priority Benefits Claimed?**  
 Yes  No

\_\_\_\_\_ (Appl. No.) \_\_\_\_\_ (Country) \_\_\_\_\_ (Filing Date)

Yes  No

\_\_\_\_\_ (Appl. No.) \_\_\_\_\_ (Country) \_\_\_\_\_ (Filing Date)

Yes  No

\_\_\_\_\_ (Appl. No.) \_\_\_\_\_ (Country) \_\_\_\_\_ (Filing Date)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

60/062,144      October 9, 1997  
(Application Serial No.)      (Filing Date)

60/103,814      October 8, 1998  
(Application Serial No.)      (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)

And I hereby appoint the law firm of Hickman & Martine, including Paul L. Hickman (Reg. No. 28,516); Peter B. Martine (Reg. No. 32,043); Albert S. Penilla (Reg. No. 39,487); Brian R. Coleman (Reg. No. 39,145); Dawn L. Palmer (Reg. No. 41,238); Raymis H. Kim (Reg. No. 39,462); and Jerray Wei (43,247) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To:

Jerray Wei  
HICKMAN & MARTINE, LLP  
P.O. BOX 52037  
Palo Alto, California 94303-0746

Direct Telephone Calls To:

Jerray Wei at telephone number (650) 470-7430

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: Debby Hindus

Citizenship: USA

Inventor's signature:

Date of Signature: 12/17/98

Residence: (City)

San Francisco

(State/Country) California/USA

Post Office Address:

315 Yerba Buena Avenue, San Francisco, California 94127

Full Name of Second Joint

Inventor (if any): Scott Mainwaring

Citizenship: USA

Inventor's signature:

Date of Signature: 12/17/98

Residence: (City)

San Francisco

(State/Country) California/USA

Post Office Address:

656 29th Street, San Francisco, California 94131

Full Name of Third Joint

Inventor (if any): Elin Pedersen

Citizenship: \_\_\_\_\_

Inventor's signature:

Date of Signature: \_\_\_\_\_

Residence: (City)

\_\_\_\_\_

(State/Country) \_\_\_\_\_

Post Office Address:

\_\_\_\_\_

Full Name of Fourth Joint Inventor (if any):

Sean Michael White

## Citizenship:

15

**Inventor's signature:**

*John G. Clegg*

Date of Signature: Dec 16, 1998

Residence: (City)

San Francisco

(State/Country) CA

Post Office Address:

87 Caselli Ave, SF, CA 94114

Full Name of Fifth Joint

## William Gaver

Citizenship: \_\_\_\_\_

**Inventor's signature:**

---

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**Date of Signature:** \_\_\_\_\_

Residence: (City)

---

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(State/Country) \_\_\_\_\_

Post Office Address:

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Digitized by srujanika@gmail.com

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Attorney's Docket No. INT1P021

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(App) No.) (Country) (Filing Date)

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68/262-144 October 9, 1997

(Application Serial No.) (Filing Date)

60/103,814 October 8, 1998

(Application Serial No.) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States patent application filed prior to the filing date of this application.

International application designating the United States, listed below and, if so far as the same has not been filed, the filing date of the corresponding United States or PCT International application.

application is not disclosed in the prior United States Patent Office application or paragraph of Title 35, United States Code, § 112, I acknowledge the duty to dis-

patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became

prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

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Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_

Residence: (City) San Francisco (State/Country) California/USA

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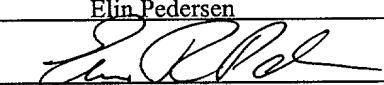
Full Name of Second Joint Inventor (if any): Scott Mainwaring Citizenship: USA

Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_

Residence: (City) San Francisco (State/Country) California/USA

Post Office Address: 656 29th Street, San Francisco, California 94131

Full Name of Third Joint Inventor (if any): Elin Pedersen Citizenship: DENMARK

Inventor's signature:  Date of Signature: Jan 6, 99

Residence: (City) REDWOOD CITY (State/Country) CALIFORNIA /USA

Post Office Address: 330 ALAMEDA DE LAS PULGAS, CA 94062

Full Name of Fourth Joint Inventor (if any):

Inventor (if any): Sean Michael White

Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_

**Date of Signature:** \_\_\_\_\_

Residence: (City) \_\_\_\_\_

(State/Country) \_\_\_\_\_

Post Office Address: \_\_\_\_\_

**Full Name of Fifth Joint**

Inventor (if any): William Gaver

Citizenship: \_\_\_\_\_

**Inventor's signature:** \_\_\_\_\_

**Date of Signature:** \_\_\_\_\_

Residence: (City) \_\_\_\_\_

(State/Country) \_\_\_\_\_

Post Office Address: \_\_\_\_\_

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(Appl. No.)	(Country)	(Filing Date)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_

Residence: (City) San Francisco (State/Country) California/USA

Post Office Address: 656 29th Street, San Francisco, California 94131

Full Name of Third Joint Inventor (if any): Elin Pedersen Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_

Residence: (City) \_\_\_\_\_ (State/Country) \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Full Name of Fourth Joint

Inventor (if any):

Sean Michael White

Citizenship:

Inventor's signature:

Residence: (City)

Post Office Address:

Full Name of Fifth Joint

Inventor (if any):

William Gaver

Citizenship: US

Inventor's signature:



Date of Signature: 25.1.98

Residence: (City)

LONDON

(State/Country) U.K.

Post Office Address:

19 Lidyard Road, London N19 5NR, United Kingdom